



Issue Classification 	Application No.	Applicant(s)	
	09/132,746	YAMAMOTO ET AL.	
	Examiner	Art Unit	
	John J. Guarriello	1771	

ISSUE CLASSIFICATION									
ORIGINAL				CROSS REFERENCE(S)					
CLASS		SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
442		187		442	333	401	414		
INTERNATIONAL CLASSIFICATION				428	394				
		/		347	86	87			
		/							
		/							
		/							
		/							
		/							

John J. Guarriello	12/8/2003	 TERREL MORRIS SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 1700 (Primary Examiner) (Date)	Total Claims Allowed: 75	
(Assistant Examiner) (Date)			O.G. Print Claim(s) 1	O.G. Print Fig. —
(Legal Instruments Examiner) (Date)				

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant				<input type="checkbox"/> CPA				<input type="checkbox"/> T.D.				<input type="checkbox"/> R.1.47			
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original		
1	1	46	31	66	61	56	91		121		151		181		
2	2	47	32	67	62	69	92		122		152		182		
3	3	48	33		63	71	93		123		153		183		
4	4	49	34		64	73	94		124		154		184		
5	5	50	35	23	65	75	95		125		155		185		
6	6	51	36		66		96		126		156		186		
	7	52	37		67		97		127		157		187		
	8	53	38	24	68		98		128		158		188		
	9	54	39	25	69		99		129		159		189		
	10		40	26	70		100		130		160		190		
7	11		41	27	71		101		131		161		191		
8	12	55	42	29	72		102		132		162		192		
9	13		43	40	73		103		133		163		193		
10	14		44	41	74		104		134		164		194		
11	15		45	42	75		105		135		165		195		
12	16		46	43	76		106		136		166		196		
13	17	16	47		77		107		137		167		197		
14	18	17	48		78		108		138		168		198		
15	19	18	49	30	79		109		139		169		199		
22	20	19	50	28	80		110		140		170		200		
33	21	20	51	44	81		111		141		171		201		
34	22	21	52	57	82		112		142		172		202		
35	23	22	53	68	83		113		143		173		203		
36	24	59	54	70	84		114		144		174		204		
37	25	60	55	72	85		115		145		175		205		
	26	61	56	74	86		116		146		176		206		
	27	62	57	31	87		117		147		177		207		
	28	63	58	29	88		118		148		178		208		
	29	64	59	45	89		119		149		179		209		
38	30	65	60	58	90		120		150		180		210		